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| 1. D. E. - TIME GROUP 23 November 1964 24/04 | 2. LOCATION 20Z 30N 140W (Pacific) |
| 3. SOURCE USS PONTCHARTRAIN | 10. CONCLUSION Satellite (ECHO I) |
| 4. NUMBER OF OBJECTS One | Satellite ECHO I at 35 deg N 143 deg W in position for the observation. Satellite heading SE. Case evaluated as an observation of ECHO I. |
| 5. LENGTH OF OBSERVATION Not Reported | 11. BRIEF SUMMARY AND ANALYSIS Bright starlike object (light) observed overhead moving on a course of 120 degrees. Speed unknown. Believed to be a satellite. |
| 6. TYPE OF OBSERVATION Ground-Visual | |
| 7. COURSE SE | |
| 8. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| 9. PHYSICAL EVIDENCE <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |

FORM
FTD SEP 63 0-329 (TDE) Previous editions of this form may be used.

INCOMING
MESSAGE

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

~~SECRET~~
UNCLASSIFIED

24/042022

AFIN: 50110 (24 Nov 64) N/bgm

ACTION : NIN-7

INFO: XOP-1, XOPX-7, SAFOS-3, JCS/OSD-1, NSA-7, DIA-15 (42)

SMB A087

ZCZCHQA5 12ZCQJA240

OO RUEAHQ

DE RUWSJ 740 24/0505Z

ZNR

0 .0430Z

FM USCOC PONTCHARTRAIN

TO RUEC D/C QMDT COGARD

RUW GALB/C INCNORAD

RUEAHQ/CHIEF OF STAFF USAF WASHDC

RCCSC/CANAIRDEF

RUWSPG/COMWESTSEAFRON

RUWSC/C QMASWF ORPAC

RCEOA/CANCOMARPAC

BT

UNCLAS

MERINT PONTCHARTRAIN/NRUU

BRIGHT STAR LIKE LIGHT 30N 140W 240420Z 90 DEGREES ALT. MOVING

120 DEGREES SPEED UNKNOWN BELIEVED TO BE SATELITE SEA CALM WX

CLEAR

BT

NOTE: XMITTED TO CIA PER AF HQ FORM 1392 # 456
Advance copy to XOPX, NIN, DIA.

ECIO I

24/0420

0339 +41 -129 -

272.57

143°W

35°N

| NOVEMBER 24, 1964 | | | | | | | | | | | |
|-------------------|------|--------|-------|-------|--------|-----|-------|-------|---------|-----|--------|
| 1 | 44.9 | 243.70 | 47.4 | 28.0 | -02.88 | 900 | 90.0* | 28.1 | -82.93 | 900 | 90.0* |
| 3 | 39.0 | 272.57 | 45.0 | 22.9 | -60.98 | 877 | 72.4* | 33.3 | -104.82 | 922 | 107.6* |
| 5 | 33.1 | 301.44 | 40.0 | 19.8 | -45.69 | 858 | 60.7* | 37.5 | -120.07 | 936 | 119.3* |
| 7 | 27.2 | 330.31 | 35.0 | 15.8 | -36.05 | 845 | 54.0* | 40.6 | -129.68 | 945 | 126.0* |
| 9 | 21.3 | 359.18 | 30.0 | 13.2 | -28.71 | 835 | 49.4 | 43.3 | -137.00 | 951 | 130.6* |
| 11 | 15.4 | 28.05 | 20.0 | 8.5 | -17.38 | 818 | 43.7 | 48.3 | -148.25 | 959 | 136.3 |
| 13 | 9.5 | 56.92 | 0. | 0. | 0. | 802 | 40.0 | 57.3 | -165.50 | 961 | 140.1 |
| 15 | 3.6 | 85.79 | -20.0 | -8.5 | 17.39 | 807 | 43.7 | -47.9 | 148.34 | 947 | 136.3 |
| 16 | 57.7 | 114.66 | -30.0 | -13.1 | 28.72 | 817 | 49.5* | -43.0 | 137.08 | 933 | 130.6 |
| 18 | 51.9 | 143.53 | -35.0 | -15.7 | 36.07 | 825 | 54.0* | -40.3 | 129.76 | 924 | 126.0* |
| 20 | 46.0 | 172.40 | -40.0 | -18.7 | 45.72 | 836 | 60.8* | -37.2 | 120.14 | 913 | 119.3* |
| 22 | 40.1 | 201.27 | -45.0 | -22.8 | 61.01 | 852 | 72.4* | -33.0 | 104.88 | 896 | 107.6* |
| | | | -47.4 | -27.9 | 82.93 | 874 | 90.0* | -27.9 | 82.97 | 874 | 90.0* |

| | |
|--|--|
| 1. DATE - TIME GROUP 28 November 64 28/1436Z | 2. LOCATION 30N 140W (Pacific) |
| 3. SOURCE USS PONTCHARTRAIN | 10. CONCLUSION Satellite (ECHO II) |
| 4. NUMBER OF OBJECTS One | |
| 5. LENGTH OF OBSERVATION Not Reported | 11. BRIEF SUMMARY AND ANALYSIS Star-like object observed at (garbled). Possible Satellite. |
| 6. TYPE OF OBSERVATION Ground-Visual | COMMENTS: ECHO I not in area. ECHO II at 40 deg North 131 deg West. Possible observation of ECHO II. Satellite near position of observation and sighting. Characteristic of a Satellite observation. ECHO II heading North. Direction of flight not noted in report. |
| 7. COURSE Not Reported | |
| 8. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| 9. PHYSICAL EVIDENCE <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |

FORM
FTD SEP 63 0-329 (TDE) Previous editions of this form may be used.

INCOMING
MESSAGE

28/1436Z

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH

~~SECRET~~ SATELLITE
UNCLASSIFIED

AF IN : 58611 (28 Nov 64) X/wlc

ACTION: NIN-7

INFO : XOP-1, XOPX-7, SAFOS-3, JCS/OSD-1, NSA-7, DIA-15 (42)

SMB A123

CZCHQA081ZCQJA314

OO RUEAHQ

DE RUWSJ 034 28/1514Z

ZNR

O 281440Z

FM USC CC PONTCHARTRAIN

TO RUEC JD/C QMDT COGARD

RUWGAL B/C INCNORAD

RUEAHQ/C QFS USAF

RCCSC/C ANAIRDEF

ZEN/C OMWESTAREA

RUWSP G/C OMWESTSEAFRON

RUHPD/C QMASWF ORPAC

RCWNM/C ANC QMARPAC

BT

UNCLAS

M ER INT PONTCHARTRAIN

STAR LIKE 30N 140W 28/1436Z ALT 3" 040T 010T SPEED UNKNOWN

POSS SATELLITE SEA/WX CALM CLEAR

BT NOTE: ADV CY DEL TO DIA, NIN AND XOPX.
RETRANSMITTED TO CIA.

ETC I (No 11)

28/1436 - 89.29
1408 - 82.90
+28 7°

47.5°N 7°W

ETC II POSS

28/1436 - 135°W
1423 - 134°W

MIN + 13 40°N 138°W

NOVEMBER 28, 1964 *Echo II*

| | | | | | | | | | | | |
|----|------|--------|-------|-------|--------|-----|-------|-------|---------|-----|--------|
| 1 | 43.2 | 303.96 | 81.6 | 27.2 | -83.12 | 747 | 90.0* | 27.2 | -83.20 | 747 | 90.0* |
| 3 | 31.8 | 331.25 | 80.0 | 25.6 | -50.60 | 747 | 57.1* | 28.9 | -115.72 | 747 | 122.9* |
| 5 | 20.5 | 358.54 | 70.0 | 21.7 | -18.53 | 745 | 24.2* | 32.8 | -147.78 | 745 | 155.8* |
| 7 | 9.1 | 25.83 | 50.0 | 15.3 | -6.32 | 739 | 10.9* | 39.2 | -160.00 | 739 | 169.1* |
| 8 | 57.7 | 53.13 | 40.0 | 12.2 | -4.07 | 735 | 8.1* | 42.3 | -162.25 | 735 | 171.7* |
| 10 | 46.3 | 80.42 | 30.0 | 9.1 | -2.61 | 731 | 6.6* | 45.3 | -163.71 | 731 | 173.4* |
| 12 | 35.0 | 107.71 | 20.0 | 6.0 | -1.57 | 728 | 5.6* | 48.4 | -164.76 | 727 | 174.4* |
| 14 | 23.6 | 135.00 | 0. | 0. | 0. | 722 | 4.8* | 54.5 | -166.32 | 721 | 175.2* |
| 16 | 12.2 | 162.29 | -20.0 | -6.0 | -1.57 | 720 | 5.6* | 48.1 | -164.84 | 719 | 174.4* |
| 18 | 0.8 | 189.59 | -30.0 | -9.1 | 2.62 | 719 | 6.6* | 45.0 | -163.79 | 719 | 173.4* |
| 19 | 49.5 | 216.88 | -40.0 | -12.1 | 4.08 | 720 | 8.3* | 42.0 | -162.33 | 719 | 171.7* |
| 21 | 38.1 | 244.17 | -50.0 | -15.2 | 6.33 | 721 | 10.7* | 38.9 | -160.07 | 720 | 169.1* |
| 23 | 28.7 | 271.46 | -70.0 | -21.6 | 18.57 | 722 | 24.2* | 32.6 | -147.84 | 722 | 155.8* |
| | | | -80.0 | -25.4 | 50.64 | 723 | 57.1* | -28.7 | -115.76 | 723 | 122.9* |
| | | | -81.6 | -27.1 | 83.16 | 723 | 90.0* | -27.1 | 83.24 | 723 | 90.0* |